FIG. 1A

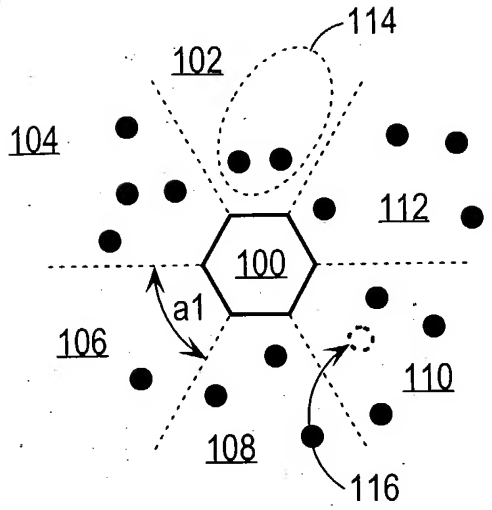


FIG. 1B

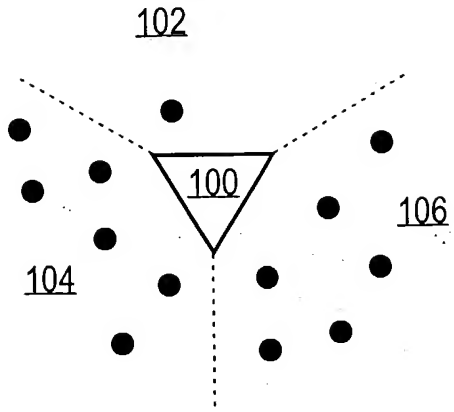


FIG. 1C

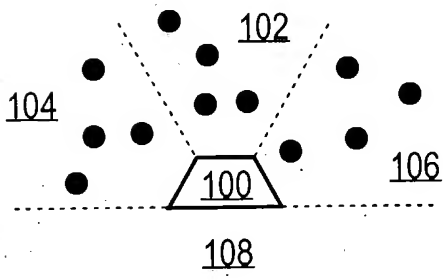


FIG. 1D

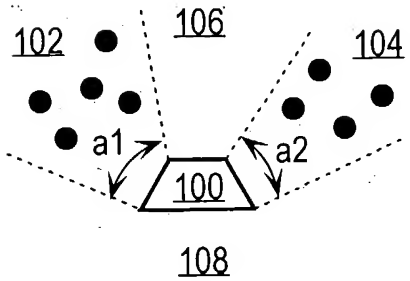


FIG. 1E

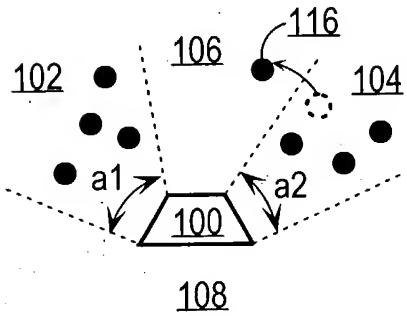


FIG. 1F

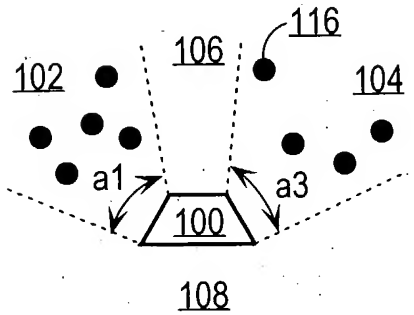


FIG. 1G

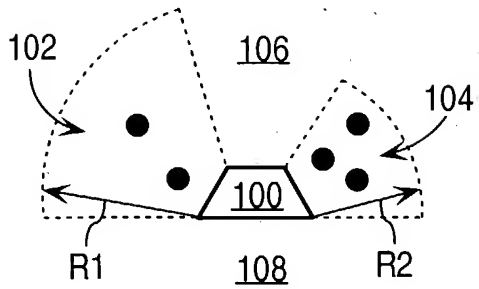

102
106
104
100
R1
108
R2

FIG. 2

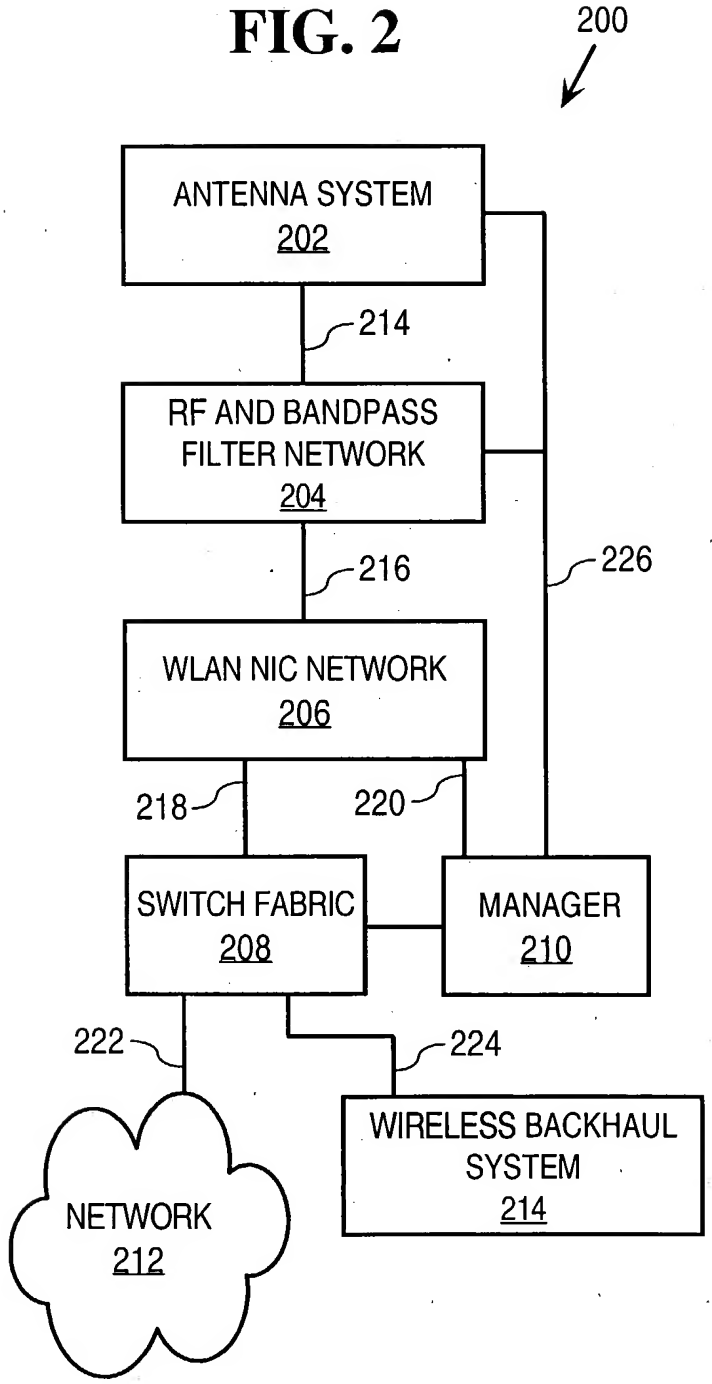

200
ANTENNA SYSTEM
202
214
RF AND BANDPASS
FILTER NETWORK
204
216
226
WLAN NIC NETWORK
206
218
220
SWITCH FABRIC
208
MANAGER
210
222
224
NETWORK
212
WIRELESS BACKHAUL
SYSTEM
214

FIG. 3A

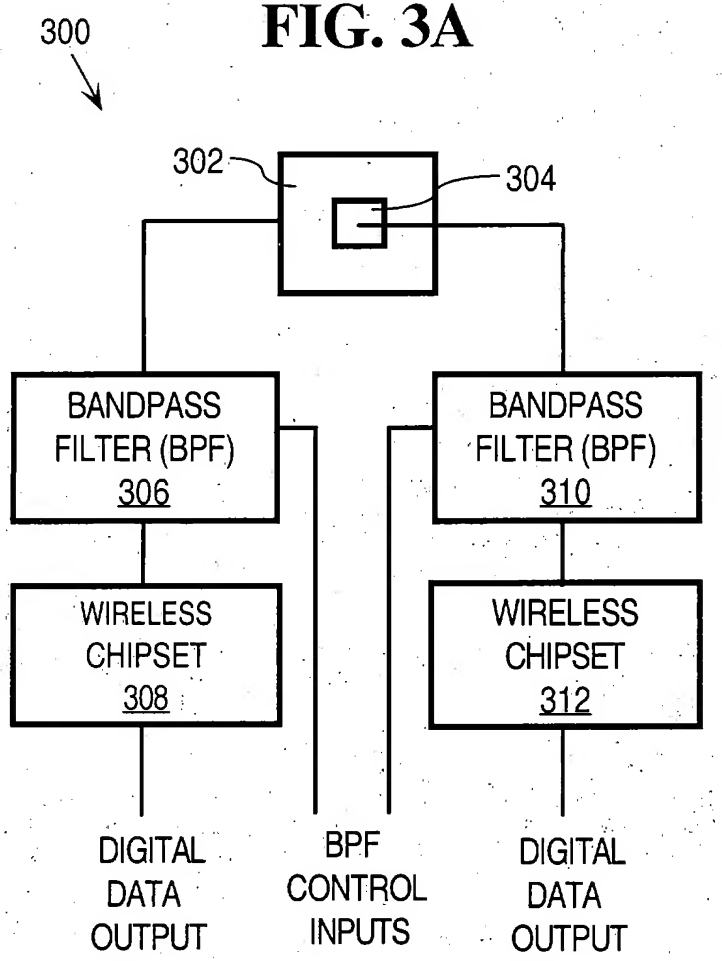
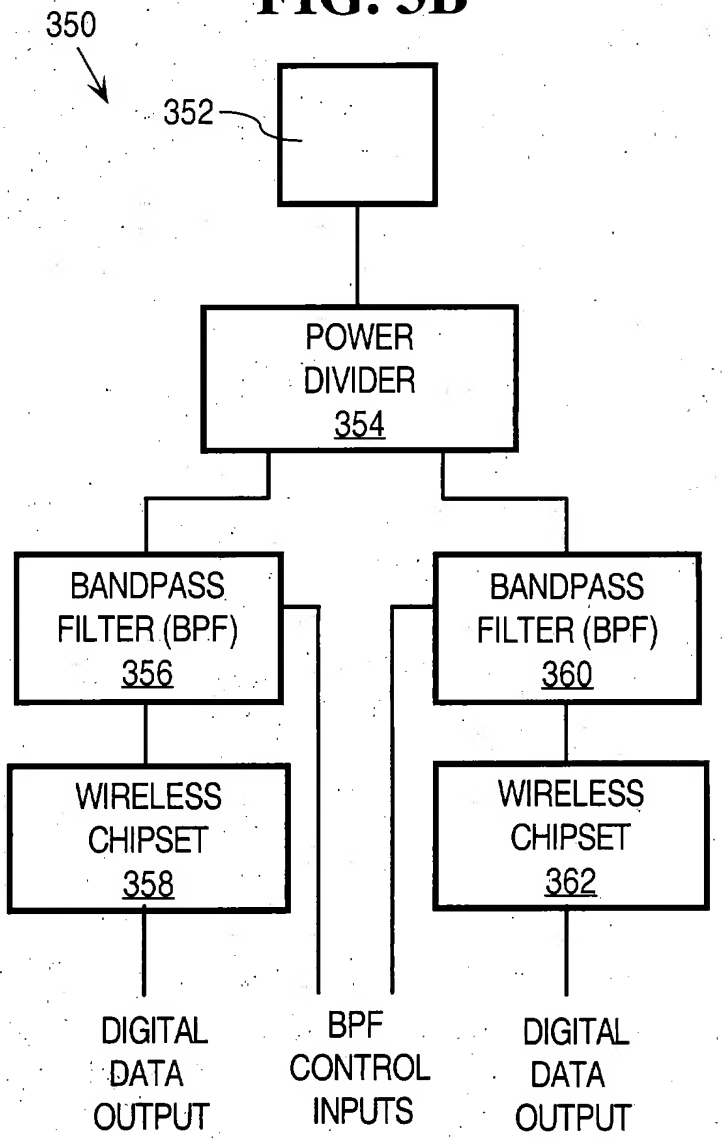

300
302
304
BANDPASS FILTER (BPF) 306
BANDPASS FILTER (BPF) 310
WIRELESS CHIPSET 308
WIRELESS CHIPSET 312
DIGITAL DATA OUTPUT
BPF CONTROL INPUTS
DIGITAL DATA OUTPUT

FIG. 3B


350
352
POWER DIVIDER 354
BANDPASS FILTER (BPF) 356
BANDPASS FILTER (BPF) 360
WIRELESS CHIPSET 358
WIRELESS CHIPSET 362
DIGITAL DATA OUTPUT
BPF CONTROL INPUTS
DIGITAL DATA OUTPUT

400

FIG. 4A

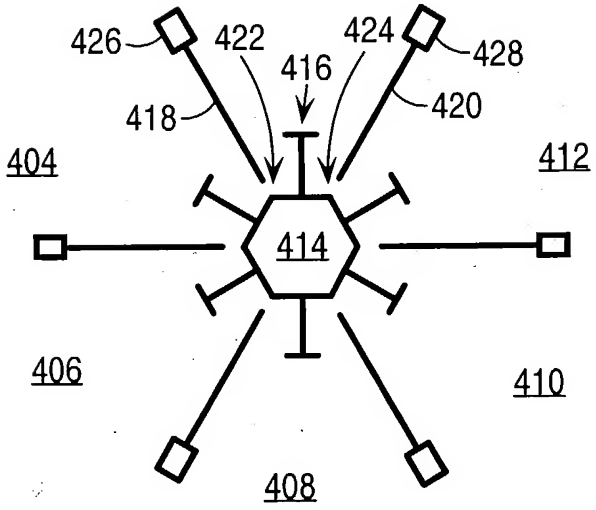


FIG. 4B

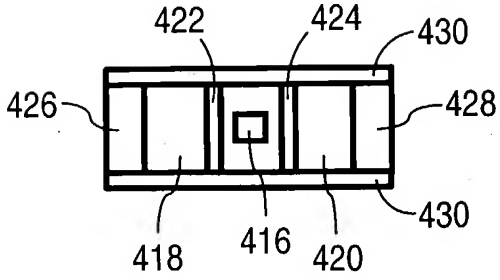


FIG. 5A

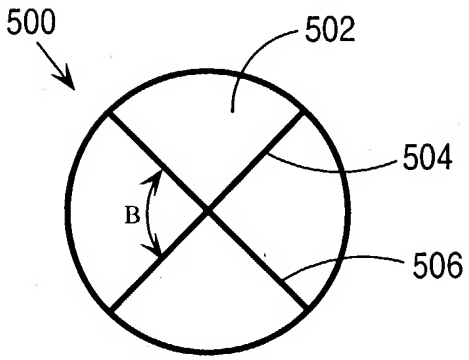


FIG. 5B

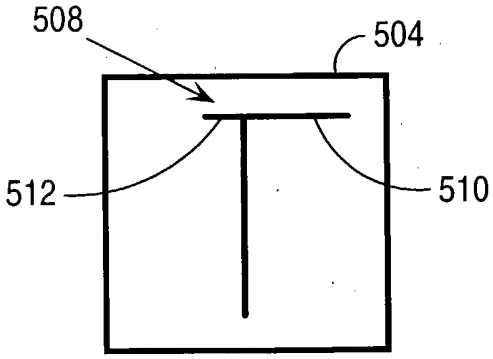
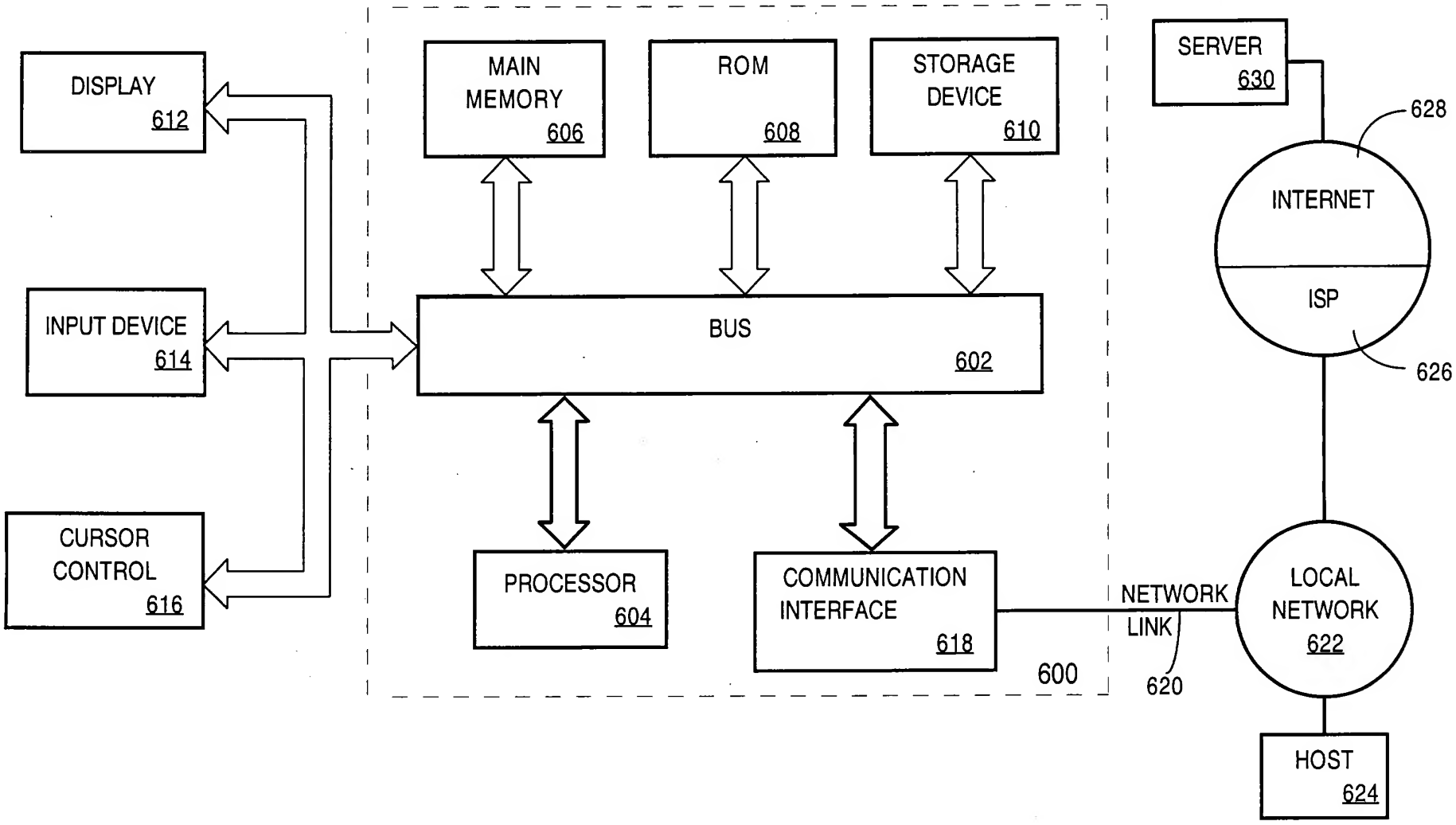


FIG. 6


DISPLAY
612
INPUT DEVICE
614
CURSOR
CONTROL
616
MAIN
MEMORY
606
ROM
608
STORAGE
DEVICE
610
BUS
602
PROCESSOR
604
COMMUNICATION
INTERFACE
618
600
NETWORK
LINK
620
SERVER
630
628
INTERNET
ISP
626
LOCAL
NETWORK
622
HOST
624